Abtsract

An apparatus is described comprising: logic circuitry to take an absolute difference between: 1) less than all of the bits of an uncompressed video data value from a reference macro block and 2) less than all of the bits of an uncompressed video data value from a macro block worth of data within a search window. The apparatus further includes a register to store the reference macro block. The register is coupled to the logic circuitry. The apparatus further include a random access memory to store the search window. The random access memory is coupled to the logic circuitry.